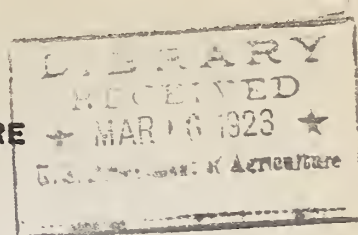


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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF ENTOMOLOGY
WASHINGTON, D. C.



FOREST ENTOMOLOGY BRIEF 44.

January 28, 1919.

THE POPLAR TENT MAKER
(*Melalopha inclusa* Huebn.)
An Enemy of Poplar and Willow Trees.

HOW DESTRUCTIVE. This insect sometimes occurs in sufficient numbers to defoliate the trees it attacks, especially where there are only a few trees in a locality. Where there is a large number of trees little or no damage occurs.

EVIDENCE OF INFESTATION. Wholly or partly skeletonized or eaten leaves with here and there folded leaves, lined with silk and fastened securely to the twigs. These folded leaf tents often contain, during the day, many closely placed dark caterpillars, about 1 to 1½ inch long, covered with whitish hairs and bearing four honey-yellow lines on the back and two high pointed tubercles on each of the fourth and eleventh segments. The caterpillars remain in the tents during the greater part of the day, coming out to feed at intervals.

HABITS. There are two generations annually, so that the caterpillars are found on the trees during May and June and again in August and September, while the adults appear during the month preceding. It hibernates in the chrysalis stage in a loosely spun cocoon between partially folded leaves on the ground.

REMEDY. Where conditions warrant it, infested trees should be sprayed with lead arsenate as described in the accompanying Brief.

A. D. HOPKINS,

Forest Entomologist.

UNITED STATES DEPARTMENT OF AGRICULTURE

OFFICE OF THE SECRETARY

WASHINGTON, D. C.

January 10, 1911

Very respectfully,

Dear Sir:

I have the honor to acknowledge the receipt of your letter of the 10th inst.

and in reply to inform you that the same has been forwarded to the proper authorities for their consideration. I am sorry that I cannot give you a more definite answer at this time, but I am sure that you will understand the necessity of this delay. I am, however, sure that the matter will be given the most careful consideration and that a satisfactory result will be reached in due season.

I am, Sir, very respectfully,
Your obedient servant,
[Signature]

Very truly yours,
[Signature]

RECEIVED

January 10, 1911